

Notice of Allowability

Application No.

10/813,871

Applicant(s)

FERRARI ET AL.

Examiner

Hung T. Vy

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/23/2007.
2. ☒ The allowed claim(s) is/are 1-11 and 20-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 11/01/2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

1. This is a response to Applicant's arguments and the Terminal Disclaimer filed on 10/23/2007, 12/07/2007. The Paralegal TC has been accepted on 12/10/2007. Sign the notice of allowability by virtue of this argument, claims 1-11 and 20-22 remain pending in this application. Claims 12-19 have been canceled and claims 20-22 have been added. Claims 1-11 and 20-22 are allowed.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 11/01/2007. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement has being considered by the examiner.

Reasons for Allowance

3. Claims 1-11 and 20-22 are allowed.

The following is an examiner's statement of reason for allowance:

With respect to claim 1, none of the references of record teaches or suggests the claimed a computer-implemented search and navigation system for a set of materials comprising, **along with all the other claimed feature**, a plurality of navigation states, at least the first attribute value pair having a first attribute which the first attribute value pair **does not describe all the materials that the first attribute characterizes**, and second attribute pair having a second attitude, **which not the same as the first attribute, in which the second attribute value pair does not describe all the materials that the second attribute characterizes**, a set of rules for manipulating content provided in response to a query, **a first query corresponding to a third navigation state** corresponding to a third particular expression of attribute-value pairs

and a third particular subset of materials, at least a first rule being composed **of a first trigger for activating the first rule if the third particular** expression of attribute-value pair satisfies the trigger, the trigger including a third attribute value pair and first action for providing **a first manipulated subset of materials that is different from the third particular subset of materials** if the first rule is activated, an interface for providing a plurality of transitions, each transition providing a direct path between two of the navigation states, a response to the first query, the response including the third particular subset of materials if the first rule is not activated and including the first manipulated set of materials if the first rule is activated, for modifying one or more rules from the set of rules, and providing a representation of how modification of one or more rules affects the response to the first query.

With respect to claim 2, none of the references of record teaches or suggests the claimed a computer-implemented search and navigation system for a set of materials comprising, **along with all the other claimed feature**, a plurality of navigation states, at least the first attribute value pair having a first attribute which the first attribute value pair **does not describe all the materials that the first attribute characterizes**, and second attribute pair having a second attribute, **which not the same as the first attribute, in which the second attribute value pair does not describe all the materials that the second attribute characterizes**, a rules engine for defining and processing a set of rules for manipulating content for display generated from a current navigation state, first content for display being generated using the current navigation if no rule is activated, wherein **each rule is composed o a trigger for activating the**

rules if the trigger is satisfied, wherein a first rule includes **a first trigger that includes a third attribute-value pair**, and a first action for providing a first manipulated subset of materials in place of the current particular subset of materials corresponding to the current navigation state if the first rule is activated and interface.

Claims 3-4 are allowable by virtue of their dependencies on claim 2.

With respect to claim 5, none of the references of record teaches or suggests the claimed a computer-implemented search and navigation system for a set of materials comprising, **along with all the other claimed feature**, a plurality of navigation states, at least the first attribute value pair having a first attribute which the first attribute value pair **does not describe all the materials that the first attribute characterizes**, and second attribute pair having a second attribute, **which not the same as the first attribute**, in which the second attribute value pair **does not describe all the materials that the second attribute characterizes**, an interface for displaying content including a representation of a current navigation state, using a first representation if no rule is activated, a rule engines wherein a first rule being composed of **a first trigger for activating the first rule if the current navigation state satisfies the first trigger, the first trigger including a third attribute value pair**, and first action for providing a second representation of the current navigation state in place of first rule is activated.

Claims 6-11 are allowable by virtue of their dependencies on claim 5.

With respect to claim 20, none of the references of record teaches or suggests the claimed a computer-implemented search and navigation system for a set of

materials comprising, **along with all the other claimed feature**, a plurality of navigation states, at least the first attribute value pair having a first attribute which the first attribute value pair **does not describe all the materials that the first attribute characterizes**, and second attribute pair having a second attribute, **which not the same as the first attribute, in which the second attribute value pair does not describe all the materials that the second attribute characterizes**, set of rules for manipulating content provided in response to a query, at least a first rule being composed of a first trigger for activating the first rule if a third navigation state identified as corresponding to a first query satisfies the first trigger, the first trigger including a third attribute-value pair, and a first action for generating a fourth particular expression of attribute-value pairs, an interface for providing a plurality of transitions, each transition providing a direct path between two of the navigation states, a response to the first query, the response including the third particular subset of materials if the first rule is not activated and including the first manipulated set of materials if the first rule is activated, for modifying one or more rules from the set of rules, and providing a representation of how modification of one or more rules affects the response to the first query.

Claims 21-22 are allowable by virtue of their dependencies on claim 20.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung T. Vy whose telephone number is 571-2721954. The examiner can normally be reached on 8.30am - 5.30 pm.

Application/Control Number:
10/813,871
Art Unit: 2163

Page 6

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571 272 1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Hung T. Vy
Patent Examiner.

Art Unit 2163
December 4, 2007.

Application/Control Number:
10/813,871
Art Unit: 2163

Page 7